

## Freeform Search

**Database:** US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Term:** 123 not 124

**Display:** 20 **Documents in Display Format:** - **Starting with Number** 1

**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

### Search History

**DATE:** Friday, May 14, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L26</u>	123 not 124	13	<u>L26</u>
<u>L25</u>	115 and L24	0	<u>L25</u>
<u>L24</u>	L23 and root	51	<u>L24</u>
<u>L23</u>	L22 and memory	64	<u>L23</u>
<u>L22</u>	114 and L21	64	<u>L22</u>
<u>L21</u>	(thread or stack) same structures same point\$	39577	<u>L21</u>
<u>L20</u>	(thread adj stack) same structures same point\$	14	<u>L20</u>
<u>L19</u>	117 not 118	11	<u>L19</u>
<u>L18</u>	114 and L17	3	<u>L18</u>
<u>L17</u>	(thread adj stack) same structure same point\$	14	<u>L17</u>
<u>L16</u>	114 and L15	13	<u>L16</u>
<u>L15</u>	pointer adj structure	878	<u>L15</u>
<u>L14</u>	707/206.ccls.	429	<u>L14</u>
<u>L13</u>	L9 and cop\$	0	<u>L13</u>
<u>L12</u>	19 and authoriz\$	20	<u>L12</u>

<u>L11</u>	19 not 110	131	<u>L11</u>
<u>L10</u>	15 and L9	8	<u>L10</u>
<u>L9</u>	L8 and database	139	<u>L9</u>
<u>L8</u>	((url\$ or online or on-line)and (resume\$ or cv or job or employment)).ab.	716	<u>L8</u>
<u>L7</u>	14 or L6	25	<u>L7</u>
<u>L6</u>	13 and L5	4	<u>L6</u>
<u>L5</u>	707/\$.ccls.	20404	<u>L5</u>
<u>L4</u>	L3 and database	24	<u>L4</u>
<u>L3</u>	((url\$ or online or on-line)and (resume\$ or cv)).ab.	87	<u>L3</u>
<u>L2</u>	(url\$ and (resume\$ or cv)).ab.	6	<u>L2</u>
<u>L1</u>	(url and resume and (concurrent\$ or parallel\$ or simultaneous\$)).ab.	0	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

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Search Results - Record(s) 1 through 20 of 51 returned.

☐ 1. Document ID: US 20040088702 A1

Using default format because multiple data bases are involved.

L24: Entry 1 of 51

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040088702

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040088702 A1

TITLE: Lock-free overflow strategy for work stealing

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garthwaite, Alexander T.	Beverly	MA	US	
Flood, Christine H.	Westford	MA	US	
Dice, David	Foxborough	MA	US	

US-CL-CURRENT: 718/100; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 2. Document ID: US 20040039759 A1

L24: Entry 2 of 51

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039759

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039759 A1

TITLE: Eliminating write barriers for young objects

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Detlefs, David L.	Westford	MA	US	
Clinger, William D.	Franklin	MA	US	

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 3. Document ID: US 20030229766 A1

L24: Entry 3 of 51

File: PGPB

Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229766

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030229766 A1

TITLE: Methods and apparatus for performing a memory management technique

PUBLICATION-DATE: December 11, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dice, David	Foxborough	MA	US	
Garthwaite, Alexander T.	Beverly	MA	US	

US-CL-CURRENT: 711/154; 707/206, 711/132

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 4. Document ID: US 20030069905 A1

L24: Entry 4 of 51

File: PGPB

Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069905

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030069905 A1

TITLE: Method and system for concurrent garbage collection

PUBLICATION-DATE: April 10, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dussud, Patrick H.	Bellevue	WA	US	

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 5. Document ID: US 20020120640 A1

L24: Entry 5 of 51

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120640

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120640 A1

TITLE: Method of deterministic garbage collection

PUBLICATION-DATE: August 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hills, Theodore S.	Lambertville	NJ	US	

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20020078078 A1

L24: Entry 6 of 51

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020078078

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020078078 A1

TITLE: Method for recovering a database provided with disk back-up

PUBLICATION-DATE: June 20, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Oksanen, Kenneth	Espoo		FI	

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20010054057 A1

L24: Entry 7 of 51

File: PGPB

Dec 20, 2001

PGPUB-DOCUMENT-NUMBER: 20010054057

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010054057 A1

TITLE: Method and apparatus for enabling threads to reach a consistent state without explicit thread suspension

PUBLICATION-DATE: December 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Long, Dean R.E.	Boulder Creek	CA	US	

Fresko, Nedim

San Francisco

CA

US

US-CL-CURRENT: 718/108; 707/206, 711/152

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 8. Document ID: US 6711595 B1

L24: Entry 8 of 51

File: USPT

Mar 23, 2004

US-PAT-NO: 6711595

DOCUMENT-IDENTIFIER: US 6711595 B1

TITLE: Method and apparatus for sharing standard template library objects among processes

DATE-ISSUED: March 23, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anantharao; Vijapurapu V.	Campbell	CA		

US-CL-CURRENT: 707/206; 707/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 9. Document ID: US 6662274 B2

L24: Entry 9 of 51

File: USPT

Dec 9, 2003

US-PAT-NO: 6662274

DOCUMENT-IDENTIFIER: US 6662274 B2

TITLE: Method for using cache prefetch feature to improve garbage collection algorithm

DATE-ISSUED: December 9, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Subramoney; Sreenivas	Palo Alto	CA		
Hudson; Richard L.	Northampton	MA		

US-CL-CURRENT: 711/137; 707/206, 711/155, 711/170, 711/204, 711/213, 711/217

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 10. Document ID: US 6658652 B1

L24: Entry 10 of 51

File: USPT

Dec 2, 2003

US-PAT-NO: 6658652

DOCUMENT-IDENTIFIER: US 6658652 B1

TITLE: Method and system for shadow heap memory leak detection and other heap analysis in an object-oriented environment during real-time trace processing

DATE-ISSUED: December 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alexander, III; William Preston	Austin	TX		
Levine; Frank Eliot	Austin	TX		
Reynolds; William Robert	Austin	TX		
Urquhart; Robert J.	Austin	TX		

US-CL-CURRENT: 717/128; 707/206, 711/1, 711/100, 711/152, 711/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 11. Document ID: US 6654773 B2

L24: Entry 11 of 51

File: USPT

Nov 25, 2003

US-PAT-NO: 6654773

DOCUMENT-IDENTIFIER: US 6654773 B2

TITLE: Method of deterministic garbage collection

DATE-ISSUED: November 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hills; Theodore S.	Lambertville	NJ		

US-CL-CURRENT: 707/206; 707/100, 707/8, 707/9

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 12. Document ID: US 6598141 B1

L24: Entry 12 of 51

File: USPT

Jul 22, 2003

US-PAT-NO: 6598141

DOCUMENT-IDENTIFIER: US 6598141 B1

TITLE: Manipulating interior pointers on a stack during garbage collection

DATE-ISSUED: July 22, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dussud; Patrick H.	Bellevue	WA		
Morrison; Vance P.	Kirkland	WA		

US-CL-CURRENT: 711/170; 707/102, 707/201, 707/206, 711/100, 711/154, 711/171,  
711/172, 711/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 13. Document ID: US 6594678 B1

L24: Entry 13 of 51

File: USPT

Jul 15, 2003

US-PAT-NO: 6594678

DOCUMENT-IDENTIFIER: US 6594678 B1

TITLE: Methods and apparatus for improving locality of reference through memory  
management

DATE-ISSUED: July 15, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stoutamire; David P.	San Juan Bautista	CA		
Grarup; Steffen	Los Altos	CA		

US-CL-CURRENT: 707/206; 707/200, 707/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 14. Document ID: US 6560773 B1

L24: Entry 14 of 51

File: USPT

May 6, 2003

US-PAT-NO: 6560773

DOCUMENT-IDENTIFIER: US 6560773 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and system for memory leak detection in an object-oriented  
environment during real-time trace processing

DATE-ISSUED: May 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alexander, III; William Preston	Austin	TX		
Howard; John Day	Austin	TX		
Levine; Frank Eliot	Austin	TX		
Reynolds; William Robert	Austin	TX		



Urquhart; Robert J.

Austin TX

US-CL-CURRENT: 717/128; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 15. Document ID: US 6560619 B1

L24: Entry 15 of 51

File: USPT

May 6, 2003

US-PAT-NO: 6560619

DOCUMENT-IDENTIFIER: US 6560619 B1

TITLE: Using atomic compare-and-swap operations for forwarding-pointer installation

DATE-ISSUED: May 6, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flood; Christine H.	Westford	MA		
Agesen; Ole	Needham	MA		

US-CL-CURRENT: 707/206; 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 16. Document ID: US 6557091 B2

L24: Entry 16 of 51

File: USPT

Apr 29, 2003

US-PAT-NO: 6557091

DOCUMENT-IDENTIFIER: US 6557091 B2

TITLE: Data processor with localized memory reclamation

DATE-ISSUED: April 29, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB

US-CL-CURRENT: 711/170; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 17. Document ID: US 6526422 B1

L24: Entry 17 of 51

File: USPT

Feb 25, 2003

US-PAT-NO: 6526422

DOCUMENT-IDENTIFIER: US 6526422 B1

TITLE: Striding-type generation scanning for parallel garbage collection

DATE-ISSUED: February 25, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Flood; Christine H.	Westford	MA		
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 707/206; 707/1, 707/205, 717/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 18. Document ID: US 6523141 B1

L24: Entry 18 of 51

File: USPT

Feb 18, 2003

US-PAT-NO: 6523141

DOCUMENT-IDENTIFIER: US 6523141 B1

TITLE: Method and apparatus for post-mortem kernel memory leak detection

DATE-ISSUED: February 18, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cantrill; Bryan M.	Menlo Park	CA		

US-CL-CURRENT: 714/48; 707/206, 711/170, 714/49, 717/124

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 19. Document ID: US 6502111 B1

L24: Entry 19 of 51

File: USPT

Dec 31, 2002

US-PAT-NO: 6502111

DOCUMENT-IDENTIFIER: US 6502111 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and system for concurrent garbage collection

DATE-ISSUED: December 31, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dussud; Patrick H.	Bellevue	WA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
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☐ 20. Document ID: US 6490599 B2

L24: Entry 20 of 51

File: USPT

Dec 3, 2002

US-PAT-NO: 6490599

DOCUMENT-IDENTIFIER: US 6490599 B2

TITLE: On-the-fly garbage collector

DATE-ISSUED: December 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolodner; Elliot K.	Haifa			IL
Petrunk; Erez	Haifa			IL

US-CL-CURRENT: 707/206; 711/153, 711/173

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. D
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Search Results - Record(s) 21 through 40 of 51 returned.

☐ 21. Document ID: US 6487563 B1

Using default format because multiple data bases are involved.

L24: Entry 21 of 51

File: USPT

Nov 26, 2002

US-PAT-NO: 6487563

DOCUMENT-IDENTIFIER: US 6487563 B1

TITLE: Memory reclamation method

DATE-ISSUED: November 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB

US-CL-CURRENT: 707/206

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">RIMC</a>	<a href="#">Draw D</a>
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☐ 22. Document ID: US 6442751 B1

L24: Entry 22 of 51

File: USPT

Aug 27, 2002

US-PAT-NO: 6442751

DOCUMENT-IDENTIFIER: US 6442751 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Determination of local variable type and precision in the presence of subroutines

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cocchi; Anthony	Riverside	CT		
Shepherd; Janice Cynthia	Ossining	NY		

US-CL-CURRENT: 717/133; 707/205, 707/206, 717/132, 717/154, 717/155, 717/156, 717/157

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw. De
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☐ 23. Document ID: US 6434575 B1

L24: Entry 23 of 51

File: USPT

Aug 13, 2002

US-PAT-NO: 6434575

DOCUMENT-IDENTIFIER: US 6434575 B1

TITLE: Method of instrumenting garbage collection generating a trace file making a single pass analysis of object heap

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Berry; Robert Francis	Austin	TX		
Bryant; Raymond M.	Austin	TX		
Gu; Weiming	Austin	TX		
Howard; John Day	Austin	TX		
Reynolds; William Robert	Austin	TX		
Urquhart; Robert J.	Austin	TX		

US-CL-CURRENT: 707/206; 707/101, 717/148, 717/154

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw. De
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☐ 24. Document ID: US 6421689 B1

L24: Entry 24 of 51

File: USPT

Jul 16, 2002

US-PAT-NO: 6421689

DOCUMENT-IDENTIFIER: US 6421689 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Moderately conservative, mostly copying 2 space garbage collector in the nursery of a generational memory manager

DATE-ISSUED: July 16, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Benson; Peter	Boulder	UT		
Sexton; Harlan	Menlo Park	CA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw. De
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☐ 25. Document ID: US 6317872 B1

L24: Entry 25 of 51

File: USPT

Nov 13, 2001

US-PAT-NO: 6317872

DOCUMENT-IDENTIFIER: US 6317872 B1

TITLE: Real time processor optimized for executing JAVA programs

DATE-ISSUED: November 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gee; John K.	Mt. Vernon	IA		
Greve; David A.	Cedar Rapids	IA		
Hardin; David S.	Cedar Rapids	IA		
Kamin; Raymond A.	Marion	IA		
Hiratzka; T. Douglas	Coralville	IA		
Mass; Allen P.	Lisbon	IA		
Masters; Michael H.	Cedar Rapids	IA		
Mykris; Nick M.	Cedar Rapids	IA		

US-CL-CURRENT: 717/152; 707/206, 711/206, 712/202, 712/209, 717/118, 717/140

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 26. Document ID: US 6317756 B1

L24: Entry 26 of 51

File: USPT

Nov 13, 2001

US-PAT-NO: 6317756

DOCUMENT-IDENTIFIER: US 6317756 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: On-the-fly garbage collector

DATE-ISSUED: November 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kolodner; Elliot K.	Haifa			IL
Petrunk; Erez	Haifa			IL

US-CL-CURRENT: 707/206; 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 27. Document ID: US 6314436 B1

L24: Entry 27 of 51

File: USPT

Nov 6, 2001

US-PAT-NO: 6314436

DOCUMENT-IDENTIFIER: US 6314436 B1

TITLE: Space-limited marking structure for tracing garbage collectors

DATE-ISSUED: November 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 28. Document ID: US 6308319 B1

L24: Entry 28 of 51

File: USPT

Oct 23, 2001

US-PAT-NO: 6308319

DOCUMENT-IDENTIFIER: US 6308319 B1

TITLE: Thread suspension system and method using trapping instructions in delay slots

DATE-ISSUED: October 23, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bush; William	San Mateo	CA		
Wolczko; Mario	San Carlos	CA		

US-CL-CURRENT: 717/141; 707/206, 710/260, 711/132, 717/148, 718/108

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 29. Document ID: US 6304949 B1

L24: Entry 29 of 51

File: USPT

Oct 16, 2001

US-PAT-NO: 6304949

DOCUMENT-IDENTIFIER: US 6304949 B1

TITLE: Data processor with localized memory reclamation

DATE-ISSUED: October 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB

US-CL-CURRENT: 711/170; 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 30. Document ID: US 6253215 B1

L24: Entry 30 of 51

File: USPT

Jun 26, 2001

US-PAT-NO: 6253215

DOCUMENT-IDENTIFIER: US 6253215 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Method, apparatus, and article of manufacture for facilitating resource management for applications having two types of program code

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 31. Document ID: US 6199075 B1

L24: Entry 31 of 51

File: USPT

Mar 6, 2001

US-PAT-NO: 6199075

DOCUMENT-IDENTIFIER: US 6199075 B1

TITLE: Method and apparatus for generational garbage collection of a heap memory shared by multiple processors

DATE-ISSUED: March 6, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David M.	Palo Alto	CA		
Wolczko; Mario I.	Palo Alto	CA		

US-CL-CURRENT: 707/206; 707/10, 707/104.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 32. Document ID: US 6115782 A



L24: Entry 32 of 51

File: USPT

Sep 5, 2000

US-PAT-NO: 6115782

DOCUMENT-IDENTIFIER: US 6115782 A

TITLE: Method and apparatus for locating nodes in a carded heap using a card marking structure and a node advance value

DATE-ISSUED: September 5, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wolczko; Mario I.	Palo Alto	CA		
Ungar; David M.	Palo Alto	CA		

US-CL-CURRENT: 711/100; 707/103R, 707/206, 711/170

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 33. Document ID: US 6098080 A

L24: Entry 33 of 51

File: USPT

Aug 1, 2000

US-PAT-NO: 6098080

DOCUMENT-IDENTIFIER: US 6098080 A

TITLE: Computer system, program product and method of collecting interned data with a mark sweep collector

DATE-ISSUED: August 1, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Endicott; John Clarence	Rochester	MN		
Kolodner; Elliot Karl	Haifa			IL
Peterson; Jon Howard	Rochester	MN		
Seemann; Robert Carl	Rochester	MN		

US-CL-CURRENT: 707/206; 707/103R, 707/205

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 34. Document ID: US 6094664 A

L24: Entry 34 of 51

File: USPT

Jul 25, 2000

US-PAT-NO: 6094664

DOCUMENT-IDENTIFIER: US 6094664 A

TITLE: Method and apparatus for optimizing the null pointer exception in an object-

oriented programming environment with statically typed variables

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David M.	Palo Alto	CA		

US-CL-CURRENT: 707/206; 707/200

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 35. Document ID: US 6065019 A

L24: Entry 35 of 51

File: USPT

May 16, 2000

US-PAT-NO: 6065019

DOCUMENT-IDENTIFIER: US 6065019 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Method and apparatus for allocating and freeing storage utilizing multiple tiers of storage organization

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ault; Donald F.	Hyde Park	NY		
Fischer; John F.	Wappingers Falls	NY		
Miller; Eric T.	Wappingers Falls	NY		

US-CL-CURRENT: 707/206; 711/171

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 36. Document ID: US 6049810 A

L24: Entry 36 of 51

File: USPT

Apr 11, 2000

US-PAT-NO: 6049810

DOCUMENT-IDENTIFIER: US 6049810 A

TITLE: Method and apparatus for implementing a write barrier of a garbage collected heap

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schwartz; David C.	San Jose	CA		